

Title (en)
Hydraulic chair lift

Title (de)
Hydraulischer Sessellift

Title (fr)
Chaise élévatrice hydraulique

Publication
EP 2676649 B1 20150812 (EN)

Application
EP 12172412 A 20120618

Priority
EP 12172412 A 20120618

Abstract (en)
[origin: EP2676649A1] The invention relates to a hydraulic chair lift for arrangement in a vehicle, like a car or a van, which hydraulic chair lift comprises: - a rod (3) with attachment means on both ends for attachment with the floor and the roof zone of the vehicle; - a piston (11) arranged around the rod in a middle zone of the rod; - a barrel (4) enveloping the piston, and - two heads (12) arranged on each end of the barrel, which heads are provided with a channel for passage of the rod, wherein a rod gland is arranged in the head surrounding the channel, wherein the channel has relative to the rod gland a first inner channel part with a first diameter and a second inner channel part with second diameter, wherein the first diameter is smaller than the second diameter and wherein the ratio of the length and the diameter of the first channel part is less than 3/5.

IPC 8 full level
A61G 3/06 (2006.01); **F15B 15/14** (2006.01)

CPC (source: EP US)
A61G 3/062 (2013.01 - EP US); **B60N 2/1665** (2013.01 - US); **F04C 2270/0421** (2013.01 - EP US); **F15B 15/1433** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2676649 A1 20131225; EP 2676649 B1 20150812; DK 2676649 T3 20151123; ES 2552042 T3 20151125; PL 2676649 T3 20160429; PT 2676649 E 20151124; US 2013334856 A1 20131219; US 9358905 B2 20160607

DOCDB simple family (application)
EP 12172412 A 20120618; DK 12172412 T 20120618; ES 12172412 T 20120618; PL 12172412 T 20120618; PT 12172412 T 20120618; US 201313919265 A 20130617